

ABSTRACT

A method for providing assistance and computer-aided learning with regard to manual movements of an operator during processing of a material, for example in the fields of plastic arts, design, industrial machining, paramedical professions, and surgery. The method is based on a device that includes one or more metrologic systems used for continuously measuring a position of a tool and the material. A computer acquires data issued by the metrologic system and propagates the effect of displacements of the tool relative to the material that is to be machined to one or more digital models, and an interface generates acoustic and/or optical and/or haptic stimuli that supply information to the operator by increasing the reality of the actions/reactions which his/her job involves.